

II. Amendments to the Specification:

Page 3, at lines 23-28, replace the paragraphs with the following:

Figure 1 is a schematic block diagram of an implantable cardiac rhythm management device serving as a platform in which the method of the present invention is carried out; ~~and~~

Figure 2 is a flow chart of the algorithm executed by the microprocessor-based controller for determining whether a sensed ventricular beat following an atrial beat is ectopic; and;

Figure 3 is a waveform comparing an ectopic beat to a normal beat.

Page 5, lines 1-5, replace the paragraph with the following:

The microprocessor-based controller is connected in controlling relation to a pulse generator, shown enclosed by broken line box 30, for delivering pacing pulses selectively to the atrial chamber of the heart ~~32~~ 31 and to its ventricular chamber by the A pace circuit 32 and the V pace circuit 34, respectively, at times determined by the microprocessor-based controller 16.